



SUMMARY

Wires

 Low
 5

 High
 0

 Coax
 0

Triax 0

Quad 0

Fiber 0

Fluidic 0

Series 1B

Termination type Female crimp

IP rating 50

Cable Ø 0.00 - 0.00 mm

Matching parts FGG.1B.305.CYCD42

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model EG*: Fixed receptacle, nut fixing

Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing : 0 - 0 mm

Variant

Weight 10.07 g

Performance

Configuration 1B.305 : 5 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 9 Amps

Specifications

Contact Type: Crimp Max. Matings: 5000 Contact Retention: 30 N

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Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in)

Min. Conductor: 0.25 mm² (AWG 24) Max. Conductor: 0.5 mm² (AWG 20)

R (max): 4.8 mOhm

Vtest (contact-shell): 1550 V (AC), 2200 V (DC) Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Others

Temp (min / max): -55° C / $+250^{\circ}$ C

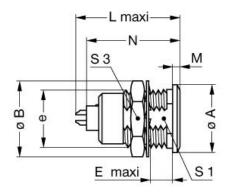
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Salt Spray Corrosion: >1000 hr Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws







Dimensions

	А	В	Е	L	М	N	S1	S 3	e
mm.	14	16	7.5	23	1.5	21.1	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,91	0,06	0,83	0,41	0,55	

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.091.BVM Extractor: DCF.91.090.2LT

Replacement contact: EGG.1B.660.ZZM

Cables

CMN.05.T20.057PGCE	PVC	GREY	
CMN.05.T20.057PGZE		Grey	▶€
CMN.05.T20.057PNCE	PVC	Black	>
CMN.05.T20.057PNZE			>€
CMN.05.T20.057QGZE	TPR (medical)	Grey	>€
CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PGZE		Grey	>
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051PNZE			>€
CMN.05.T22.051QGZE	TPR (medical)	Grey	>€
CMN.05.T28.029PGCE	PVC	GREY	> ====
CMN.05.T28.029PGZE		Grey	>€
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			>€
005 050	PVC	Black	
050 090	PVC	Black	
050 140	PVC	Grey	-= [
150 250	PVC	Grey	>===
250 500	PVC	Grey	>===

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